Index of Claims

| App | lica | tion | Contro | ol No. |
|-----|------|------|--------|--------|
|-----|------|------|--------|--------|

10/661,175

Examiner

Andrew Hwa S. Lee

Applicant(s)/Patent under Reexamination

THOMAS ET AL.

Art Unit

2886

√ Rejected
= Allowed

(Through numeral)
 Cancelled

Restricted

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

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|--|--|--|--|--------------|--|--|--|----------|--|-----------------|
| Cla  | im   |  |  |              |  |  |  |          |  | $\neg$          |
| Final  | Driginal Min                                 | 525  |  |              |  |  |  |          |  |                 |
| -  | 1  |  | ,  | _            |  | _  | _  | _        |  | $\vdash$        |
|  | 2  | V  |  |              |  |  |  |          |  | Н               |
|  | 3  | V  | •  |              |  |  |  |          |  | $\Box$          |
|  | 4  |  |  | _            |  |  |  |          |  |                 |
|  | 5  | 7  | _  |              |  |  |  |          |  | $\sqcap$        |
|  | 6  | 7  | _  |              |  | _  |  |          |  |                 |
|  | 7  | ノソソ  |  | •            |  |  |  |          |  |                 |
|  | 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8         | 7  |  |              |  |  |  |          |  |                 |
|  | -9-  |  |  |              |  |  |  |          |  |                 |
| 1  | 10<br>11<br>12<br>13<br>14<br>15<br>16       |  |  |              |  |  |  |          |  |                 |
|  | 11   |  |  |              |  |  |  |          |  |                 |
|  | 12   |  |  |              |  |  |  |          |  |                 |
|  | 13.  |  |  |              |  |  |  |          |  |                 |
|  | 14   |  |  |              |  |  |  |          |  |                 |
|  | 15   |  |  |              |  |  |  |          |  |                 |
|  | 16   |  |  |              |  |  |  |          |  |                 |
|  | 17   |  |  |              |  |  |  |          |  |                 |
|  | 18   |  |  |              |  |  |  |          |  |                 |
|  | 9  |  |  |              |  |  |  |          |  |                 |
|  | 20   |  |  |              |  |  |  |          |  | Ш               |
|  | 8<br>9<br>20<br>21                           | L  |  |              | L  |  |  |          |  |                 |
|  | 22<br>23                                     | <u> </u>   |  |              |  |  |  |          |  |                 |
|  | 23   | Ш  |  | <u> </u>     |  |  |  | _        |  |                 |
|  | <b>P</b> 4                                   | <u> </u>   |  | _            |  |  |  |          | L  |                 |
|  | 25   | _  | _  | _            |  |  | _  |          | _  | Щ               |
| <u>.                                    </u> | 24<br>25<br>26<br>27<br>28<br>29<br>30<br>31 | <u> </u>   | _  | Ŀ            | _  | <u> </u>   | _  |          | _  |                 |
|  | 47   | H  | <u> </u>   |              | <u> </u>   |  | _  | _        | _  |                 |
|  | 48   | ⊢  | <u> </u>   | L            | <u> </u>   | $\vdash$   |  |          | <u> </u>   | _               |
|  | 49   | -  | <u> </u>   | <u> </u>     | <u> </u>   | _  | _  | _        | _  | _               |
|  | 30   | -  | <u> </u>   | _            | L.   |  |  |          |  | $\vdash$        |
|  | 31   | -  |  | <u> </u>     | ┝  | -  | _  |          | <u> </u>   | _               |
|  | 34   | <del>ل ـ</del>                                   | ⊢  |              | <del> </del>                                     |  | $\vdash$   | <u> </u> | H  | Н               |
|  | 34   | V  | <u> </u>   | H            | <u> </u>   |  | -  | ⊢        | ⊢  | Н               |
|  | 33<br>34<br>35                               | V  | -  | -            | ├  |  | H  |          | <u> </u>   | Н               |
|  | 36   | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$   | $\vdash$   |  |          | $\vdash$   | $\vdash \vdash$ |
| -  | 36<br>37<br>38                               | $\vdash$   | _  | ┢            | ┢  | ╁  | -  | $\vdash$ |  | Н               |
|  | 38   | <del>                                     </del> | <del>                                     </del> | <del> </del> | <del>                                     </del> | -  | $\vdash$   | $\vdash$ | -  | H               |
|  | 39   | <del> </del>                                     | <del> </del>                                     | -            | <del> </del>                                     | <del> </del>                                     | -  | $\vdash$ | $\vdash$   | Н               |
|  | 40   | $\vdash$   | $\vdash$   | Į.           | $\vdash$   | <del>                                     </del> |  | $\vdash$ | <del>                                     </del> | Н               |
|  | 41   | T  | Т  | Ë            |  | $\vdash$   | <del>                                     </del> | _        | _  | $\Box$          |
|  | 42   | T  | Т  |              | T  | $\vdash$   |  | $\vdash$ |  | М               |
|  | 43   | T  | <u> </u>   | $\vdash$     | Г  | $\vdash$   |  |          |  | П               |
|  | 44   |  |  | T            |  | Г  | Г  | · · ·    |  | П               |
|  | 45   |  |  | Π            | Г  | Г  | Ι  | ļ        |  | П               |
|  | 46   | Г  | Γ  | <u> </u>     |  |  |  |          |  |                 |
|  | 47   | Ī  | Π  | Г            | Ι  | Г  | Π  | <u> </u> |  | П               |
|  | 48   |  |  |              | Γ  |  |  |          |  |                 |
|  |  |  |  |              |  |  |  |          |  |                 |
|  | 49<br>50                                     |  |  |              |  | L  |  |          | L  |                 |

| Cla  | aim            |               |                    |          |          | Date   |  |          |  | _  |
|--|----------------|---------------|--------------------|----------|----------|--|--|----------|--|--|
|  | -              |               |                    |          |          |  |  |          |  |  |
| Final  | Original       |               |                    |          |          |  |  |          |  |  |
| $\overline{}$                                | 51             |               |                    |          |          |  |  |          |  |  |
| L  | 52             |               |                    |          |          |  |  |          |  |  |
| L  | 52<br>53       |               |                    |          |          |  |  |          |  |  |
|  | 54             |               |                    |          |          |  |  |          |  |  |
|  | 55             |               |                    |          |          |  |  |          |  |  |
|  | 56             |               |                    |          | . 1      |  |  |          |  |  |
| <u>.                                    </u> | 57             |               |                    |          |          |  |  | _        |  | ·  |
|  | 58             |               |                    |          |          |  |  |          |  |  |
|  | 59             |               |                    |          | _        |  |  | _        | _  |  |
|  | 60             |               |                    |          |          |  |  | L        |  |  |
|  | 61             |               |                    |          |          |  |  |          |  |  |
|  | 61<br>62<br>63 |               | _                  |          | _        |  |  | <u> </u> |  | _  |
| <u></u>                                      | 63             |               | Ш                  | L        |          | _  |  | Ш        | Щ  | <u> </u>   |
|  | 64<br>65       | L.            |                    |          |          | <u> </u>   |  | Ŀ        | L  | L_   |
| <u></u>                                      | 65             | _             | $ldsymbol{\sqcup}$ |          |          | _  |  | L.       |  | <u> </u>   |
|  | 66             |               |                    | _        | _        |  |  |          | L.   |  |
| <u></u>                                      | 67             | _             | _                  |          |          |  |  |          |  | _  |
|  | 68             |               |                    |          | _        | _  |  |          |  |  |
| <u></u>                                      | 69             |               |                    | _        |          |  |  |          |  | _  |
|  | 70             | _             | _                  | _        |          |  |  |          | _  | <u> </u>   |
|  | 71             |               | _                  |          |          |  |  |          |  | <u> </u>   |
|  | 72             | _             | _                  |          |          | <u> </u>   |  |          |  | <u> </u>   |
|  | 72<br>73<br>74 |               | <u> </u>           | _        |          |  |  |          | _  | ļ  |
|  | 75             | _             | <u> </u>           | _        |          | _  | _  | _        | <u> </u>   | ├  |
|  | 75<br>76       | <u> </u>      | <u> </u>           |          | _        |  |  |          | -  | <del> </del>                                     |
|  | 77             | -             |                    |          | _        |  |  | -        | ├  |  |
| -  | 78             | ┝             | -                  | -        | _        | _  |  | $\vdash$ | ├  | ⊢  |
|  | 78<br>79       |               | ├                  | -        | -        | -  | _  | -        | ├  | ├─   |
| -  | 80             | $\vdash$      | ⊢                  | $\vdash$ | <u> </u> | _  |  | $\vdash$ | ⊢  | ⊢  |
| -  | 81             | $\vdash$      | $\vdash$           | -        | _        | -  |  | $\vdash$ | ┝  | ⊢  |
|  | 82             |               |                    |          |          |  | $\vdash$   | $\vdash$ | $\vdash$   | $\vdash$   |
|  | 83             | <del> -</del> | -                  | -        |          | -  | $\vdash$   |          |  | ⊢  |
|  | 84             | $\vdash$      | $\vdash$           |          | Η-       | $\vdash$   | <del>                                     </del> | $\vdash$ | $\vdash$   | $\vdash$   |
|  | 85             |               | _                  | 一        | —        | $\vdash$   | <del>                                     </del> |          | -  | ⇈  |
|  | 86             |               | _                  | 一        | Η-       |  | Н  | ┢        | $\vdash$   | <del>                                     </del> |
| <b>—</b>                                     | 86<br>87       |               | _                  | $\vdash$ | $\vdash$ | 1  | $\vdash$   | $\vdash$ | T  | $\vdash$   |
|  | 88             | $\vdash$      | $\vdash$           |          | $\vdash$ | <del>                                     </del> | <del>                                     </del> | _        | Т  |  |
|  | 89             |               |                    |          |          |  |  |          | T  |  |
|  | 90             |               |                    |          | $\vdash$ |  |  |          | <del>                                     </del> | Г  |
|  | 91             |               |                    | $\Box$   |          |  |  | T        |  | Г  |
|  | 92             |               |                    |          |          |  |  |          |  |  |
|  | 93             |               |                    |          |          |  |  |          |  |  |
|  | 94             |               |                    |          |          |  |  |          |  |  |
|  | 95             |               |                    |          |          |  |  |          |  |  |
|  | 96             |               |                    |          |          |  |  |          |  |  |
|  | 97             |               |                    |          |          |  |  |          |  |  |
|  | 98             |               |                    |          |          | 匚  |  |          |  | L  |
| <u></u>                                      | 99             |               |                    | _        | _        | _  | _  | <u> </u> | ļ  | 1  |
| L  | 100            |               |                    | <u> </u> |          |  | L  | <u></u>  | <u>L</u> .                                       | <u></u>  |

|              |                   | ш  |   | -  |  |          |   |          |              |                    |  |
|--------------|-------------------|--|---|--|--|----------|---|----------|--------------|--------------------|--|
| Claim        |                   | Date   |   |  |  |          |   |          |              |                    |  |
| U16          |                   | <del>                                     </del> | _ |  | _  | Jale     | = |          | _            | ႕                  |  |
| Final        | Original          |  |   |  |  |          |   |          |              |                    |  |
|              | 101               |  |   |  |  |          |   |          |              |                    |  |
|              | 102<br>103        | П  |   |  |  |          |   |          |              | $\overline{\cdot}$ |  |
| -            | 103               |  |   |  |  |          |   |          |              |                    |  |
|              | 104               |  |   |  |  |          |   |          |              |                    |  |
|              | 105               |  |   |  |  |          |   |          |              |                    |  |
|              | 106               |  |   |  |  |          |   |          |              |                    |  |
|              | 107               |  |   |  |  |          |   |          |              |                    |  |
|              | 108               |  |   |  |  |          |   |          |              |                    |  |
|              | 109               |  |   |  |  |          |   |          |              |                    |  |
|              | 110               |  |   |  |  |          |   |          |              |                    |  |
|              | 111               |  |   |  |  |          |   |          |              |                    |  |
|              | 112               |  |   |  |  |          |   |          |              |                    |  |
|              | 111<br>112<br>113 |  |   |  |  |          |   |          |              |                    |  |
|              | 114<br>115        |  |   |  |  |          |   |          |              |                    |  |
|              | 115               |  |   | $oxed{oxed}$                                     |  |          |   |          |              |                    |  |
|              | 116               |  |   |  |  |          |   |          |              |                    |  |
|              | 117<br>118        | Ш  |   |  |  |          |   |          |              | Ш                  |  |
|              | 118               | Ш  |   |  |  |          |   |          |              |                    |  |
|              | 119               | Ш  |   |  |  |          |   |          |              | Ш                  |  |
|              | 120<br>121        |  |   |  |  |          |   |          | _            |                    |  |
|              | 121               | Ш  |   |  |  |          |   |          |              |                    |  |
|              | 122               | Ш  |   |  |  |          |   |          | $oxed{oxed}$ | Ш                  |  |
|              | 122<br>123<br>124 | _  |   |  |  |          |   |          | <u> </u>     | Ш                  |  |
| ļ            | 124               | -  |   | _  | _  | Ш        |   |          | _            |                    |  |
|              | 125               | -  |   |  | _  | _        |   | _        | _            | $\vdash$           |  |
|              | 125<br>126<br>127 | Н  |   |  | -  |          | _ |          | -            |                    |  |
| <u> </u>     | 127               | $\vdash$   |   |  |  | $\vdash$ |   | _        | <u> </u>     | $\vdash$           |  |
| ├            | 120               | $\vdash$   |   |  |  |          |   |          |              |                    |  |
|              | 128<br>129<br>130 | $\vdash$   | _ |  |  | -        |   |          | $\vdash$     | Н                  |  |
| -            | 131               | ├  |   | Н  |  | H        | _ |          |              | $\vdash$           |  |
| <del> </del> | 131<br>132        | -  | _ | <del> </del>                                     |  | -        | _ | _        | $\vdash$     | $\vdash$           |  |
| <del> </del> | 133               | $\vdash$   |   | -  |  | -        |   |          |              | Н                  |  |
| <del> </del> | 134               | Н  |   | <del>                                     </del> | <del>                                     </del> | $\vdash$ | _ |          |              | $\vdash$           |  |
| $\vdash$     | 135               |  |   |  | H  |          |   |          |              | Н                  |  |
|              | 136               | H  |   |  | ┢─   | $\vdash$ | _ | $\vdash$ |              | Н                  |  |
|              | 136<br>137        |  |   |  |  |          | - |          | $\vdash$     | Н                  |  |
|              | 138               |  |   | Н  | Т  | Т        |   | _        | <u> </u>     | $\Box$             |  |
| i            | 139               | T  | _ | Г  | $\vdash$   |          | _ |          |              | П                  |  |
| $\vdash$     | 140               | T  |   | $\vdash$   | $\vdash$   |          |   |          |              | М                  |  |
|              | 141               |  |   |  |  |          |   |          |              |                    |  |
|              | 142               |  |   |  |  |          |   |          |              |                    |  |
|              | 143               |  |   |  |  |          |   |          |              |                    |  |
|              | 144               |  |   |  |  |          |   |          |              |                    |  |
|              | 145               |  |   |  |  |          |   |          |              |                    |  |
|              | 146               |  |   |  |  |          |   |          |              |                    |  |
|              | 147               |  |   |  |  |          |   |          |              |                    |  |
|              | 148               |  |   |  |  |          |   |          |              |                    |  |
|              | 149               | 匚  |   | 匚  |  |          | 匚 | L        | 匚            | Ш                  |  |
|              | 150               |  |   |  |  |          |   |          |              |                    |  |